

Sykes et al.

S/N: 10/605,018

**REMARKS**

Claims 1-25 are pending in the present application. In the Final Office Action mailed August 22, 2005, the Examiner rejected claims 1, 3-6, and 23-25 under 35 U.S.C. §103(a) as being unpatentable over Manz (USP 3,544,759) taken with the SCR Manual excerpt. The Examiner next rejected claims 2 and 7-22 under 35 U.S.C. §103(a) as being unpatentable over Manz taken with SCR Manual excerpt as applied to claims 1, 3-6, and 23-25 above, and further in view of Yasuhara et al. (USP 6,037,566). Applicant respectfully seeks reconsideration.

The Examiner has rejected claim 8 under 35 U.S.C. §103(a) as being unpatentable over the combination of Manz, the SCR Manual, and Yasuhara et al. The Examiner has concluded that in regard to "the various limitations directed to filters and inductors, it would have been obvious to have provided the system of Manz (3,544,759) with these features in view of the teachings of Yasuhara et al. (6,037,566) that such are advantageous in a multi-mode power supply (see the common negative terminal 10 in figure 1, see the inductors/filters at elements 3, 4, 7 in figure 1 and at elements 13 and 14 in figure 2 of Yasuhara et al. (6,037,566))." OFFICE ACTION, August 22, 2005, pp. 3-4. However, Yasuhara et al. fails to teach or suggests a filter circuit as called for in claim 8.

Claim 8 as originally presented includes a filter circuit connected to a second mode output and connectable to a power input. Such, a filter is designed to pass signal with a specific frequency range and reject or attenuate signals whose frequency spectrum is outside this passband. The reference discloses a constant current characteristic coil (13) and a constant voltage characteristic coil (14). The reference further discloses an iron core (7) wound by a pair of coils (3, 4). One skilled in the art would readily recognize that these coils do not constitute a "filter circuit", as claimed. That is, each characteristic coil is an inductor and when combined, such as in the embodiment of Fig. 1, forms a transformer. However, in neither case is a filter formed. In other words, the coils do not pass signal within a specific frequency range and reject or attenuate signals whose frequency spectrum is outside that passband. As such, the art of record fails to teach or suggest a filter circuit in combination with the other elements of claim 8.

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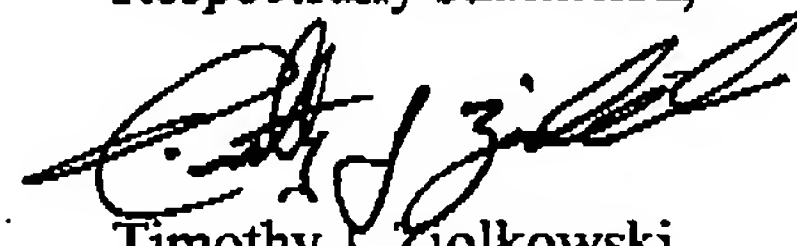
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Applicant has amended claims 1, 18, and 23 such that each claim also calls for a filter. While the language incorporated into claims 1, 18, and 23 is intended to further define the inventions of claims 1, 18, and 23 as including a filter circuit similar to that called for in claim 8.

Therefore, in light of at least the foregoing, Applicant respectfully believes that the present application is in condition for allowance. As a result, Applicant respectfully requests timely issuance of a Notice of Allowance for claims 1-2 and 4-25.

Applicant appreciates the Examiner's consideration of these Amendments and Remarks and cordially invites the Examiner to call the undersigned, should the Examiner consider any matters unresolved.

Respectfully submitted,



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